DTOS Rec'd PCT/PTO 1 1 MAR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TF	RANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER 63047(45107)				
	DESIGNATED/ELECT	U.S. APPLICATION NO (If known, see 3001 1.5)				
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			10/52//80			
INTERN	ATIONAL APPLICATION NO. PCT/EP03/09968	INTERNATIONAL FILING DATE 8 March 2003	PRIORITY DATE CLAIMED 11 September 2002			
TITLE O			OTEINS AND FRAGMENTS THEREOF			
ADDLIC	ANTICY FOR DOIFOILLS	Nahina Malf at al				
APPLICA	APPLICANT(S) FOR DO/EO/US Sabine Wolf et al.					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. x	This is a FIRST submission of	of items concerning a submission under 35	5 U.S.C. 371.			
2.	This is a SECOND or SUBS	EQUENT submission of items concerning	a submission under 35 U.S.C. 371.			
3. x	This is an express request to include items (5), (6), (9) and	begin national examination procedures (3 I (21) indicated below.	35 U.S.C. 371 (f)). The submission must			
4. x	The US has been elected (A	rticle 31).				
5. x	A copy of the International A	pplication as filed (35 U.S.C. 371 (c)(2))				
a.	is attached hereto (requir	red only if not communicated by the Interna	ational Bureau).			
b.	x has been communicated	by the International Bureau.				
c.	is not required, as the ap	plication was filed in the United States Red	ceiving Office (RO/US).			
6. x	An English language translat	tion of the International Application as filed	(35 U.S.C. 371 (c)(2)).			
a.	x is attached hereto.					
b.	has been previously subr	mitted under 35 U.S.C. 154(d)(4).				
7. x	Amendments to the claims o	f the International Application under PCT A	Article 19 (35 U.S.C. 371 (c)(3))			
a.	are attached hereto (requ	uired only if not communicated by the Inter	national Bureau).			
b.	F-1					
C.						
d.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).					
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).					
Items 11 to 20 below concern document(s) or information included:						
11. x	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. x	A preliminary amendment.					
14. x	14. x An Application Data Sheet under 37 CFR 1.76.					
15.	15. A substitute specification.					
[′] 16.	6. A power of attorney and/or change of address letter.					
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.					
18. x	3. x A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20. x	Other items or information: Return Receipt Postcard; Copy of PCT Request Form; Copy of Forms PCT/IB/304, PCT/ISA/210; PCT/IPEA/416; Copy of PCT Notification of the Recording of a Change (Applicant); Copy of Published PCT Application No. WO 2004/029631 A2					

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO.	if known, see 37 CF	R 1.5)	, I	INTERNATIONAL AF			Αī	TORNEY'S DOCKET NUM	
10	1527	<u> 788</u>			EP03/099	968	╄	63047(45	
The following fees have been submitted					L	CALCULATIONS	PTO USE ONLY		
21. x Basic national fee\$300					\$	300.00			
22. x Examina							L		
If International preling provisions of PC									
				•••••			\$	200.00	
23. x Search f	ee						Т		
Search fee (37 CFR	1.445(a)(2)) has	s been paid	on the	international ap	plication to	the	ı		
				y			ı		
International Search All other situations							\$	500.00	
	TOTAL OF 21						\$	1,000.00	
				d in paper over 1					
	additional 50 sh			ed in an electronic raction thereof.	c mealum).	The lee is	ŀ		
Total Sheets	Extra sheets			h additional 50 o		RATE	1		
		thereo	f (roun	d up to a whole r	number		-		<u> </u>
72 - 100 = Surcharge of \$130.0	/50 =	the oath o	or deci	aration later tha	n 30 mont	x \$250.00	╁		
from the earliest clair	ned priority date	(37 CFR 1.	.492 (e	e)).	ii 30 mond	113	\$	130.00	j
CLAIMS	NUMBER	FILED	NUM	BER EXTRA	R	ATE			
Total claims	20 -	20 =	-		х		\$	0.00	
Independent claims	3	-3=			х		\$	0.00	
MULTIPLE DEPEND	ENT CLAIM(s)	(if applica			+		\$		
			TOT	AL OF ABOVE	CALCULA	ATIONS =	\$	1,130.00	
Applicant claim	s small entity sta	atus. See 3	37 CFR	1.27. Fees abo	ve are redu	iced by 1/2.	\$		
					SUB	TOTAL =	\$	1,130.00	
Processing fee of \$1					n 30 month		\$		
from the earliest clai	ned priority date	(37 CFR 1	.492 (f	```	NATION	+	1_	4 420 00	
F f			5D 4 0		NATION		\$	1,130.00	
Fee for recording the accompanied by an a							\$		
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1,130.00									
				· · · · · · · · ·	-		A	mount to be	\$
					funded:	*			
								mount to be narged:	\$
a. A check	n the amount o	, e			to look on th	a abaya faaa			
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. X Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.									
							v be	required, or credit a	nv I
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105 . A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card									
Information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b))									
must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Peter F. Corless SIGNATURE:					<u> </u>				
EDWARDS & ANGELL, LLP Peter F. Corless									
P.O. Box 55874 NAME									
Boston, Massachusetts 02205 (617) 439-4444									
CUSTOMER NUMBER: 21874 33,860 REGISTRATION NUMBER									
TEOISTICATION NOMBER									

Application No. (if	known): N	lot Yet A	ssianed
---------------------	-----------	-----------	---------

Attorney Docket No.: 63047(45107)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV517931931US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	March 11, 2005
	Date

Signatu	ıre .
0	''I
Susan D	llion
Typed or printed name of pe	erson signing Certificate
	(617) 439-4444
Registration Number, if applicable	Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (2 pages)

Return Receipt Postcard; Copy of PCT Request Form; Copy of Forms PCT/IB/304, PCT/ISA/210; PCT/IPEA/416; Copy of PCT Notification of the Recording of a Change (Applicant); Copy of Published PCT Application

No. WO 2004/029631 A2

English language translation of the International application

Preliminary Amendment

Second copy of published International Application

Transmittal Letter to the United States Designated-Elected Office (2

IDS (Citation) by Applicant (8 References)

Information Disclosure Statement

Charge \$1,130.00 to deposit account 04-1105

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 63047(45107)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV517931931US in an envelope addressed to:

> MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	March 11, 2005			
	Date			

Signature				
Susan Dillor	1 .			
Typed or printed name of person signing Certificate				
	(617) 439-4444			
Registration Number, if applicable	Telephone Number			

Note:

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (2 pages)

Return Receipt Postcard; Copy of PCT Request Form; Copy of Forms PCT/IB/304, PCT/ISA/210; PCT/IPEA/416; Copy of PCT Notification of the Recording of a Change (Applicant); Copy of Published PCT Application

No. WO 2004/029631 A2

English language translation of the International application

Preliminary Amendment

Second copy of published International Application

Transmittal Letter to the United States Designated-Elected Office

IDS (Citation) by Applicant (8 References)

Information Disclosure Statement

Charge \$1,130.00 to deposit account 04-1105